

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claim 1. (Currently Amended) A battery comprises a battery body ~~including~~ comprising:  
a positive electrode and a negative ~~electrodes~~ electrode each containing an active material;

a separator holding an electrolyte; and

an adhesive resin layer joining at least one of the positive and the negative electrodes to the separator,

wherein said adhesive resin layer ~~is composed of~~ comprises at least one layer and ~~contains particles of a filler, the filler in the adhesive resin layer rendering the layer porous which provides passages through the resin layer through which ions pass.~~

Claim 2. (Original) ~~The~~ The battery according to Claim 1, wherein ~~that~~ said electrolyte is an organic electrolyte containing lithium ions.

Claims 3 and 4. (Canceled)

Claim 5. (Original) ~~The~~ The battery according to Claim 1, wherein the sum of the volume ratio of the adhesive resin and that of the filler per unit volume of said adhesive resin layer is less than 1.

Claim 6. (Original) ~~The~~ The battery according to Claim 5, wherein the sum of the volume ratio of the adhesive resin and that of the filler per unit volume of said adhesive resin layer is

0.2 to 0.8.

Claim 7. (Original) ~~A~~ The battery according to Claim 1, wherein said filler comprises at least one of non-electrically conductive materials and semiconductor ~~filler~~ fillers.

Claim 8. (Canceled)

Claim 9. (Currently Amended) The battery according to Claim 1, wherein said adhesive resin layer is constituted so as to fill the vacancies formed in the interface between each electrode and the separator which are is attributable to the unevenness of each ~~the~~ electrode and the separator.

Claim 10. (Original) The battery according to Claim 1, wherein said battery body is a laminate of a plurality of electrode bodies each composed of a single layer of the positive electrode, a single layer of the separator and a single layer of the negative electrode.

Claim 11. (Original) The battery according to Claim 10, wherein said laminate is formed by interposing the positive electrode and the negative electrode alternately among a plurality of the separators.

Claim 12. (Original) The battery according to Claim 10, wherein said laminate is formed by interposing the positive electrode and the negative electrode alternately between rolled separators.

Claim 13. (Original) The battery according to Claim 10, wherein said laminate is formed by interposing the positive electrode and the negative electrode alternately between folded separators.

Claim 14. (Currently Amended) ~~A~~ The battery according to Claim 1, wherein said average particle size of said filler is 1  $\mu\text{m}$  or smaller.

Claim 15. (Currently Amended) A battery ~~comprising~~ comprises a battery body comprising:

a positive electrode and a negative electrode each containing an active material;

a separator holding an electrolyte; and

an adhesive resin layer joining at least one of the positive and the negative electrodes to the separator,

wherein said adhesive resin layer contains an electrically conductive filler, and at least one non-electrically conductive or semiconductive filler, the filler in the adhesive resin layer rendering the layer porous which provides ~~providing~~ passages through the resin layer through which ions pass.

Claim 16. (Previously Added) The battery according to Claim 15, wherein said electrolyte is an organic electrolyte containing lithium ions.

Claim 17. (Previously Added) The battery according to Claim 15, wherein the average particle size of said filler is equal to or smaller than the particle size of the active material constituting each electrode.

Claim 18. (Previously Added) The battery according to Claim 17, wherein the average particle size of said filler is  $1\mu\text{m}$  or smaller.

Claim 19. (Previously Added) The battery according to Claim 15, wherein the sum of the volume ratio of the adhesive resin and that of the filler per unit volume of said adhesive resin layer is less than 1.

Claim 20. (Previously Added) The battery according to Claim 19, wherein the sum of the volume ratio of the adhesive resin and that of the filler per unit volume of said adhesive resin

layer is 0.2 to 0.8.

Claim 21. (Previously Added) The battery according to Claim 15, wherein said adhesive resin layer is constituted so as to fill the vacancies formed in the interface between each electrode and the separator which is attributable to the unevenness of the electrode and the separator.

Claim 22. (Previously Added) The battery according to Claim 15, wherein said battery body is a laminate of a plurality of electrode bodies each composed of a single layer of the positive electrode, a single layer of the separator and a single layer of the negative electrode.

Claim 23. (Previously Added) The battery according to Claim 22, wherein said laminate is formed by interposing the positive electrode and the negative electrode alternately among a plurality of the separators.

Claim 24. (Previously Added) The battery according to Claim 22, wherein said laminate is formed by interposing the positive electrode and the negative electrode alternately between rolled separators.

Claim 25. (Previously Added) The battery according to Claim 22, wherein said laminate is formed by interposing the positive electrode and the negative electrode alternately between folded separators.

Claim 26. (Previously Added) The battery according to Claim 15, wherein the adhesive resin layer is porous and thereby contains electrolytes which permit the resin layer to exhibit ionic conductivity.

Claim 27. (New) The battery according to Claim 1, wherein the adhesive resin layer has a thickness of no more than 50  $\mu\text{m}$ .

Appln. No. 10/057,913  
Reply to the Office Action of July 3, 2003

Claim 28. (New) The battery according to Claim 15, wherein the adhesive resin layer has a thickness of no more than 50  $\mu\text{m}$ .